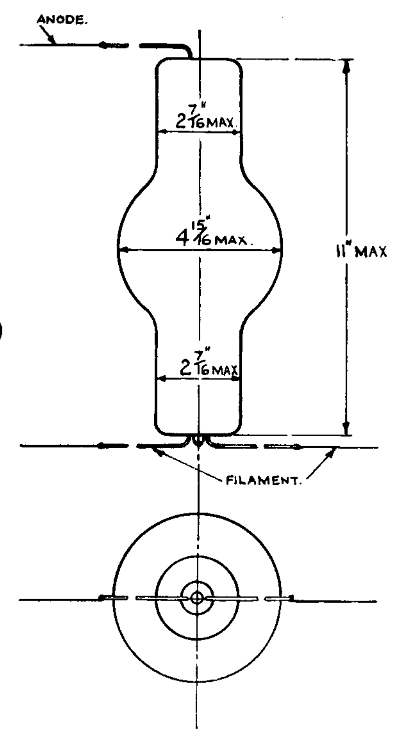
—Standard Valves—

4060-A VALVE

TRIODE.

SPECIFICATION.



Cathode.

Pure Tungsten filament.
Constant voltage type.

Dimensions.

Neck diameter	2 7/16″ (6·2 cms.)
Overall length	11″ (28 cms.)
Maximum diameter	4 15/16″ (12·5 cms.)
Net weight	0·85 lbs. (390 gms.)

Constants.

Filament voltage	12·5 volts
Nominal filament current	6 amps.
Total emission	0·4 amps.
*Impedance	17,000 ohms
*Amplification factor	20
Grid–anode capacity	6 $\mu\mu$F.
Anode–filament capacity	0·4 $\mu\mu$F.
Grid–filament capacity	7 $\mu\mu$F.

* *at* Vp = 2,000 Vg, = 0

LIMITING CONDITIONS FOR SAFE OPERATION.

Maximum direct anode voltage	4,000 volts
Maximum direct anode current	0·110 amps.
Maximum anode dissipation	200 watts
Maximum direct grid current	0·030 amps.
Maximum frequency for above ratings	10 Mc.

—Standard Valves—

TYPICAL OPERATING CONDITIONS.

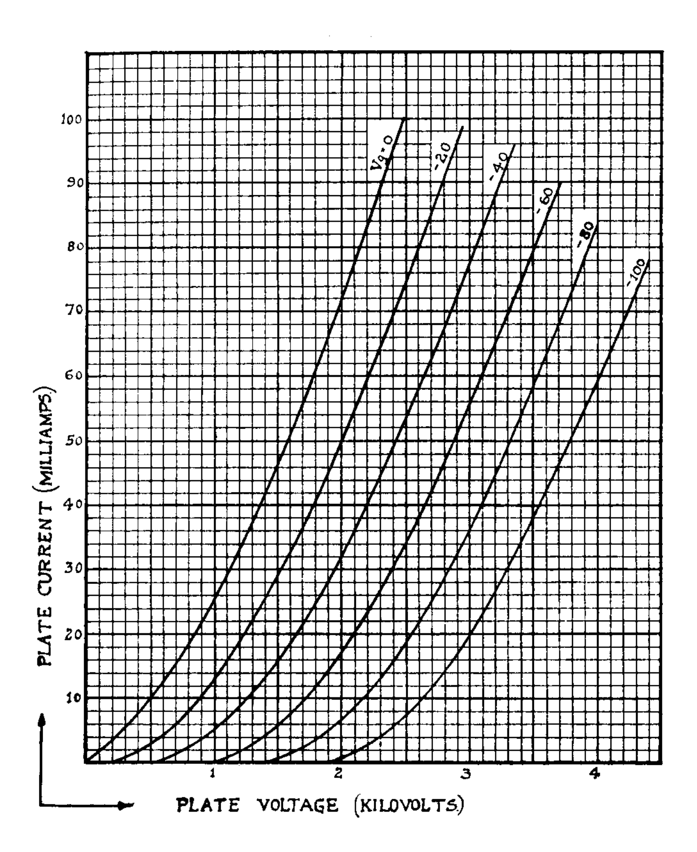
	Class B A.F. Amp. and Mod. For balanced 2 valve circuit
Direct anode voltage	4,000 volts
Grid bias	—120 to —160 volts
Anode current per valve—zero signal	0·014 amps.
Anode current per valve—maximum signal	0·070 amps.
Anode dissipation	125 watts
Load resistance—anode to anode	50,000 ohms
Maximum output—2 valves	300 watts

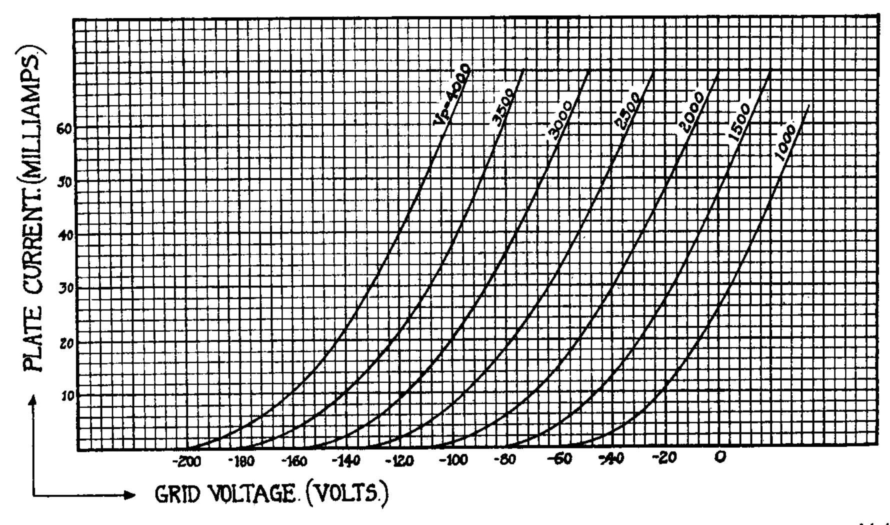
RADIO FREQUENCY OPERATION.

	Class B Telephony	Class C Telephony	Class C Telegraphy
	Modulated Carrier applied to grid	Subject to anode modulation	Unmodulated
Direct anode voltage	4,000	3,000	4,000 volts
Direct anode current	0·056	0·075	0·081 amps.
Grid bias	—180	—300	—300 to —500 volts
Anode dissipation	150	75	110 watts
Carrier output	75	150	220 watts

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